

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	((first or soft) near2 estimat\$3) same threshold) and ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) and (((second or hard or rough) near2 estimat\$3) same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 09:05
L2	3	((first or soft) near2 estimat\$3) same threshold) same ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) same (((second or hard or rough) near2 estimat\$3) same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 09:11
L3	2	((first or soft) near2 estimat\$3) same threshold) same ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) same (((second or hard or rough) near2 estimat\$3) same threshold) and (correlation near2 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 09:43
L4	1	("20050175126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/09 10:44
L5	1	("5905946").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/09 10:45
S1	109742	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) ahd (correlation adj1 noise adj1 (remov\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:17
S2	2	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and (correlation adj1 noise adj1 (remov\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:00
S3	1	"10621058"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:37
S4	0	("20030715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/29 11:37

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S5	1	("20040080302").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/29 11:37
S6	22	(correlation adj1 noise adj1 (remov\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:50
S7	3	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and (noise adj1 (remov\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 11:50
S8	24	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and (noise near2 (remov\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:05
S9	8	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (first adj1 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 16:20
S10	4	(correlat\$3) same (first adj1 estimat\$3) and (removing same (second near3 estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:11
S11	59	(correlat\$3) same (first adj1 estimat\$3) and ((removing adj1 noise or interference) same (estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
S12	0	(correlat\$3) same (first adj1 estimat\$3) and ((removing adj1 (noise or interference)) same (estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
S13	81	(correlat\$3) same (estimat\$3) and ((removing adj1 (noise or interference)) same (estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:12
S14	27	(correlat\$3) same (estimat\$3) same ((removing adj1 (noise or interference)) same (estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:20

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S15	5948	(correlat\$3 near2 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:20
S16	1965	(correlat\$3 adj1 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:20
S17	294	(correlat\$3 adj1 noise) same estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:21
S18	7	(correlat\$3 adj1 noise) same ( first near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 12:22
S19	9	(correlat\$3 adj1 noise) same (second near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 14:36
S23	346	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 16:20
S24	118	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 16:23
S25	15	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3 same threshold) and ((remov\$3 or reduc\$3 or eliminat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/29 16:23
S26	118	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR-	ON	2006/10/02 10:44

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S27	119	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psuedo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 10:45
S28	119	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psuedo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 10:45
S29	119	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 10:45
S30	7	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3) same ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 10:50
S31	346	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 10:51
S32	52	(correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:20
S33	61	(correlat\$3 with (reference near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise)) with (received near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:58

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S34	7	(correlat\$3 with (reference near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise)) with (received near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold) and (noise near2 (cancel\$3 or reduc\$3 or remov\$3 or mitigat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:37
S35	20	(estimat\$3) same (noise near2 remov\$3) same (second near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:44
S36	208	(remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:45
S37	0	(remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise) same (multi\$1pth near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:46
S38	5	(remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise) and (multi\$1path near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:50
S39	7	(remov3 or reduc\$3 or mitigat\$3 or suppress\$3) near2 (correlation near3 noise) and (multi\$1path near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:51
S40	9	(remov3 or reduc\$3 or mitigat\$3 or suppress\$3) near2 (correlation near3 interference) and (multi\$1path near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:51
S41	8	((correlat\$3 with (pn or psuedo)) with (received near2 pn or (psuedo adj2 noise))) same (estimat\$3 same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:06
S42	34	((correlat\$3 with (pn or psuedo)) with (received near2 pn or (psuedo adj2 noise))) same (estimat\$3 with correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:13

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S43	87	((remov\$3 or cancel\$3) near2 (noise or interference\$1)) same (estimat\$3 with threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:17
S44	19	((remov\$3 or cancel\$3) near2 (noise or interference\$1)) same (estimat\$3 with threshold) and multi\$1path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 14:24
S45	40	(subtract\$3 with (correlation adj1 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 14:33
S46	8	(subtract\$3 with (correlation adj1 noise)) same estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/02 14:33
S49	0	(correlation near2 noise near2 remov\$3) and (fine near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 11:59
S50	0	(correlation near2 noise near2 remov\$3) and (coarse near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:23
S51	102	(correlation near2 noise near2 remov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:23
S52	8	(correlation adj1 noise adj1 remov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:24
S53	1262	375/150.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:25
S54	567	S53 and (correlat\$3 same estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:25

## EAST Search History

S55	9	S53 and (correlat\$3 same estimat\$3) and (estimat\$3 same (noise near2 remov\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/03 12:26
S56	2	"6990160"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 10:50
S57	165170	(filter\$3 or remov\$3 or cancel\$3) near4 (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 10:52
S58	166441	(filter\$3 or remov\$3 or cancel\$5) near4 (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:50
S59	983	S58 same ((estimat\$3) with (threshold or level or predetermined))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 10:55
S60	6685	S58 same correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 10:55
S61	86	S60 same ((estimat\$3) with (threshold or level or predetermined))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 11:55
S62	0	(subtract\$3 near3 channel near2 impulse near2 response) with (correlation near2 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 11:57
S63	1	(subtract\$3 near3 channel near2 impulse near2 response) near5 (correlation near2 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 11:57
S64	1	(subtract\$3 near3 channel near2 impulse near2 response) with (correlation near2 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 12:00

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S65	1	((remov\$3 or cancel\$3 or filter\$3) near4 (interference or noise ir distortion)) with correlation with (size near4 multi\$1path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 12:02
S66	2	((remov\$3 or cancel\$3 or filter\$3) near4 (interference or noise or distortion)) with (size near4 multi\$1path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:07
S67	4	(second near3 estimat\$3 near5 multi\$1path) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 12:06
S68	46	(estimat\$3 near5 multi\$1path) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 12:06
S69	6	(estimat\$3 near5 multi\$1path) with threshold same correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 12:06
S70	445	(filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 (correlation near2 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:51
S71	128	(filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 (correlation adj1 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:52
S72	20	S71 same (estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:52
S73	128	(filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 ("correlation noise")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:52
S74	128	(filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 "correlation noise"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:52



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S75	20	S74 same (estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:57
S76	0	(second adj1 multi\$1path adj1 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 13:57
S77	24	(second near2 estimat\$3 near4 multi\$1path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 15:43
S78	1	("20050175126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 16:07
S79	41	((remov\$3 or cancel\$3 or filter\$3) near4 (interference or noise or distortion)) near3 (correlation near2 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:12
S80	45	(reduc\$3 near2 channel near2 estimat\$3 near2 error)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:13
S81	1	(reduc\$3 near2 channel near2 estimat\$3 near2 error) same correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:13
S82	1	(reduc\$3 near2 channel near2 estimat\$3 near2 error) same correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:14
S83	19	(reduc\$3 near2 channel near2 estimat\$3 near2 error) and correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:54
S84	1	(second near3 estimation) with (second near3 threshold) with correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:55

## EAST Search History

S85	7	(second near3 estimat\$3) with (second near3 threshold) with correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/13 16:55
S86	1	("5905946").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/09 08:36
S87	2	((first or soft) near2 estimat\$3) same (correlation adj1 noise) same ((second or hard or rough) near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 08:38
S88	38	((first or soft) near2 estimat\$3) and (correlation adj1 noise) and ((second or hard or rough) near2 estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 09:03